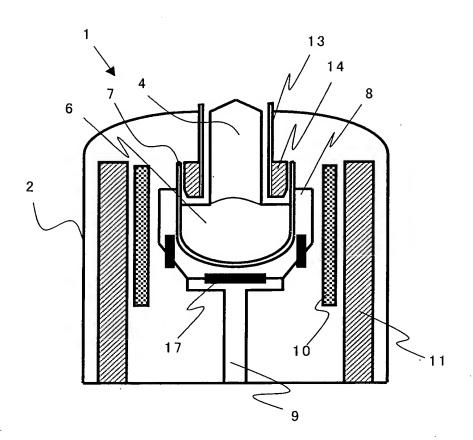
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Fig. 1



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Fig. 2

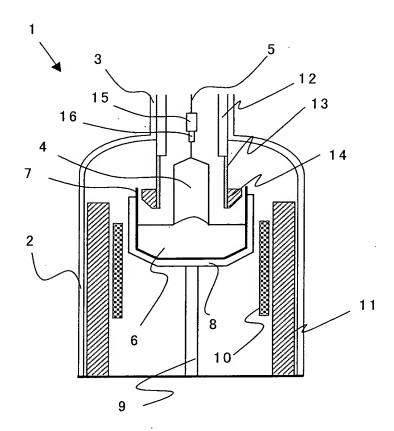
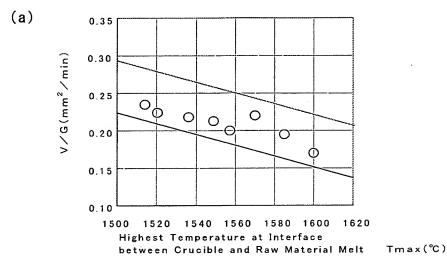
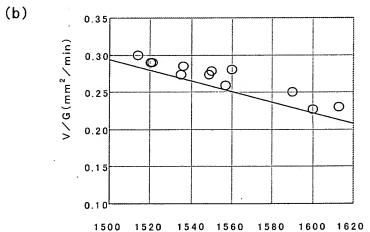


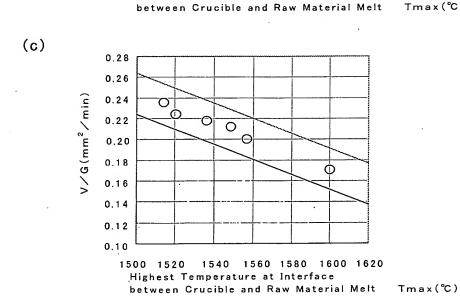
Fig. 3

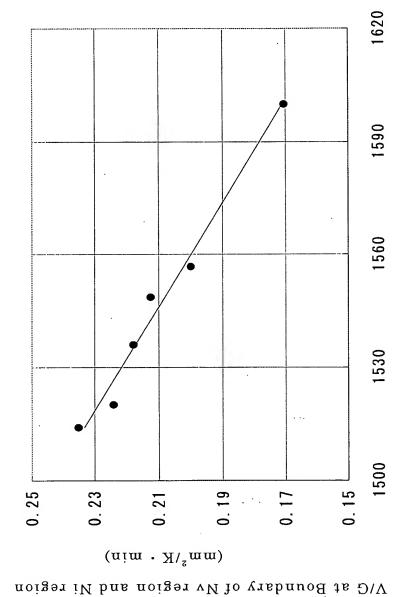




Highest Temperature at Interface

Tmax(℃)



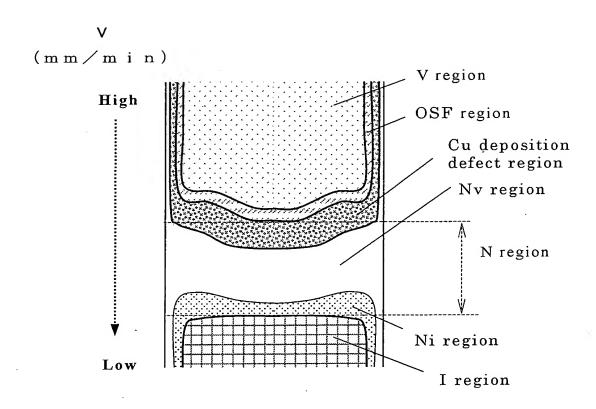


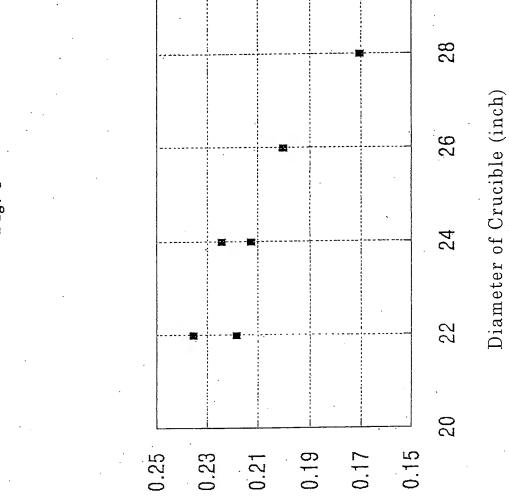
Highest Temperature at Interface between Crucible and Raw Material Melt Tmax(%

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Fig. 5





 $(\text{nim} \cdot X)^2 m m)$

 $\Lambda^{\backslash G}$ at Boundary of Λ^{V} region and Λ^{i} region